

ADMINISTRATIVE RECORD INDEX

for the

HELENA CHEMICAL COMPANY LANDFILL NPL Site

Roll #1 —

VOL. 1

1.0 PRE-REMEDIAL

1.8 Preliminary Assessment Documents

FRAME #: 0001-1. "Potential Hazardous Waste Site - Preliminary Assessment," Ron Joyner, EPA Region IV (September 14, 1982).

1.9 Site Inspection Documents

0007-1. "Potential Hazardous Waste Site - Site Inspection Report," James Duffey, NUS Corporation (October 5, 1983).

0019-2. "Potential Hazardous Waste Site - Site Inspection Report," Wilson Miles, Jr., South Carolina Department of Health and Environmental Control (August 8, 1985).

2.0 REMOVAL RESPONSE

2.4 Work Plans and Progress Reports

1. Cross-Reference: Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (May 8, 1992). Concerning progress report for April 1992. [Filed and cited as entry number 38 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
2. Cross-Reference: Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (July 8, 1992). Concerning progress report for June 1992. [Filed and cited as entry number 40 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]

2.8 Removal Response Reports

0039-1. "Removal Action: Summary and Confirmation Analytical Results; Helena Chemical Company; Fairfax Facility; Fairfax, South Carolina," Environmental and Safety Designs, Inc. (EnSafe) (October 27, 1992).

### 3.0 REMEDIAL INVESTIGATION (RI)

#### 3.1 Correspondence

- 0063- 1. Letter from Bart Reedy, EPA Region IV, to Edward Brister, Helena Chemical Company (August 28, 1991). Concerning response to letter of August 23, 1991 (contained as attachment to letter of September 18, 1991), regarding schedule for completion of the Remedial Investigation/Feasibility Study.
- 0068 - 2. Letter from Edward Brister, Helena Chemical Company, to Bart Reedy, EPA Region IV (September 18, 1991). Concerning the time schedule for the completion of the Remedial Investigation/Feasibility Study.
- 0080 - 3. Letter from Edward Brister, Helena Chemical Company, to Bart Reedy, EPA Region IV (October 7, 1991). Concerning the transmittal of a copy of the revised Remedial Investigation/Feasibility Study (RI/FS) schedule.
- 0084 - 4. Memorandum from Rutherford B. Hayes, EPA Region IV, to File (April 22, 1993). Documenting method by which proposed soil remediation level for pesticides was determined.

#### 3.2 Sampling and Analysis Data

1. Verified Sampling Data, Chain of Custody Forms and Quality Assurance and Quality Control Documents related to Verified Sampling Data are currently located at EPA Region IV, Environmental Services Division, Athens, Georgia. Such Documentation will be made available for review upon request sent to the Remedial Project Manager for the Helena Chemical Company Landfill Superfund Site, Region IV, EPA Region, 345 Courtland Street, Atlanta, Georgia 30365.
- 0098- 2. "Draft Data Validation Report; Helena Chemical Company; Fairfax, South Carolina," Environmental and Safety Designs, Inc. (EnSafe) (October 19, 1990).
3. Cross-Reference: Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (August 2, 1991). Concerning progress report for July 1991, including data from groundwater sampling done in June 1991. [Filed and cited as entry number 29 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]

## 3.2 Sampling and Analysis Data (cont'd.)

- 0292-4. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (July 20, 1992). Concerning analyticals from sediment samples taken from locations outlined in site meeting on April 25, 1992.

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## 3.4 Work Plans and Progress Reports

- 0316-1. Letter from Edward Brister, Helena Chemical Company, to Michael Townsend, EPA Region IV (June 5, 1989). Transmitting attached progress reports for April and May 1989.
- 0322-2. Memorandum from Jeff Starn, EPA Region IV, to Michael Townsend, EPA Region IV (June 28, 1989). Concerning comments to the Remedial Investigation Work Plan.
- 0327-3. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (July 10, 1989). Concerning progress report for June 1989.
- 0330-4. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (August 1, 1989). Concerning progress report for July 1989.
- 0333-5. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (September 1, 1989). Concerning progress report for August 1989.
- 0336-6. "Workplan for Helena Chemical Company; Fairfax, South Carolina (Revised)," Environmental and Safety Designs, Inc. (EnSafe) (September 5, 1989).
- 0442-7. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (October 2, 1989). Concerning progress report for September 1989.
- 0445-8. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (November 3, 1989). Concerning progress report for October 1989.
- 0448-9. Letter from G. Wes Caughman, South Carolina Department of Health and Environmental Control, to Michael Townsend, EPA Region IV (November 6, 1989). Concerning comments to the draft Work Plan.

## 3.4 Work Plans and Progress Reports (cont'd.)

- 0451-10. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (December 1, 1989). Concerning progress report for November 1989.
- 0454-11. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Michael Townsend, EPA Region IV (January 1, 1990). Concerning progress report for December 1989.
- 0457-12. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (February 1, 1990). Concerning progress report for January 1990.
- 0460-13. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (March 2, 1990). Concerning progress report for February 1990.
- 0463-14. Letter from Phillip Coop, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (April 2, 1990). Concerning progress report for March 1990.
- 0466-15. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (May 31, 1990). Concerning progress report for April 1990. A portion of this document has been withheld as confidential business information and is available for judicial review only.
- 0471-16. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (July 2, 1990). Concerning progress report for June 1990.
- 0475-17. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (August 6, 1990). Concerning progress report for July 1990.
- 0480-18. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (September 4, 1990). Concerning progress report for August 1990.
- 0485-19. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (October 8, 1990). Concerning progress report for September 1990.

## 3.4 Work Plans and Progress Reports (cont'd.)

- 0489-20. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (November 1, 1990). Concerning progress report for October 1990.
- 0492-21. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (December 3, 1990). Concerning progress report for November 1990.
- 0494-22. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (January 3, 1991). Concerning progress report for December 1990.
- 0496-23. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (February 1, 1991). Concerning progress report for January 1991.
- 0499-24. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (March 8, 1991). Concerning progress report for February 1991.
- 0503-25. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (April 8, 1991). Concerning progress report for March 1991.
- 0505-26. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (May 8, 1991). Concerning progress report for April 1991.
- 0507-27. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (June 7, 1991). Concerning progress report for May 1991.
- 0509-28. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (July 8, 1991). Concerning progress report for June 1991.
- 0511-29. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (August 2, 1991). Concerning progress report for July 1991, including data from groundwater sampling done in June 1991.

## 3.4 Work Plans and Progress Reports (cont'd.)

- 0531- 30. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (September 9, 1991). Concerning progress report for August 1991, including "Phase III - Field Investigation; Helena-Fairfax" proposal.
- 0540-31. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (October 3, 1991). Concerning progress report for September 1991.
- 0542-32. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (November 6, 1991). Concerning progress report for October 1991.
- 0545-33. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (December 5, 1991). Concerning progress report for November 1991.
- 0547-34. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (January 7, 1992). Concerning progress report for December 1991.
- 0549- 35. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (February 5, 1992). Concerning progress report for January 1992.
- 0551- 36. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (March 9, 1992). Concerning progress report for February 1992.
- 0553- 37. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (April 8, 1992). Concerning progress report for March 1992.
- 0555- 38. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (May 8, 1992). Concerning progress report for April 1992.
- 0558- 39. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (June 5, 1992). Concerning progress report for May 1992.

### 3.4 Work Plans and Progress Reports (cont'd.)

- 0561- 40. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (July 8, 1992). Concerning progress report for June 1992.
- 0563- 41. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (September 9, 1992). Concerning progress report for August 1992.
- 0565- 42. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (October 6, 1992). Concerning progress report for September 1992.
- 0567- 43. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (November 4, 1992). Concerning progress report for October 1992.
- 0569- 44. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (December 1, 1992). Concerning progress report for November 1992.
- 0571- 45. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (January 4, 1993). Concerning progress report for December 1992.
- 0573- 46. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (February 1, 1993). Concerning progress report for January 1993.

### 3.8 Interim Deliverables

1. Cross-Reference: "Subsurface Interface Radar Survey at Helena Chemical, Fairfax, South Carolina," Geophysical Survey Systems, Inc., for Environmental and Safety Designs, Inc. (EnSafe) (DATE UNKNOWN). Concerning a geophysical survey conducted at the Helena Chemical Company site. [Filed in Appendix A of entry number 2 in 3.2 REMEDIAL INVESTIGATION - Sampling and Analysis Data].
- 0578- 2. "Project Operations Plan for Helena Chemical Company; Fairfax, South Carolina," Environmental and Safety Designs, Inc. (EnSafe) (May 10, 1990).

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- 0771-1. Letter from Bart Reedy, EPA Region IV, to Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe) (October 25, 1990). Concerning comments to the ecological assessment portion of the Remedial Investigation Report.
- 0779-2. Letter from B. Thomas Hancher, Resource Applications, Inc. (RAI), to Bart Reedy, EPA Region IV (January 13, 1991). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report.
- 0785-3. Memorandum from Tony Able, EPA Region IV, to Bart Reedy, EPA Region IV (May 21, 1991). Concerning comments to the Remedial Investigation Report.
- 0788-4. Letter from Richard Haynes, South Carolina Department of Health and Environmental Control, to Bart Reedy, EPA Region IV (June 25, 1991). Concerning compiled comments to the draft Remedial Investigation Report.
- 0798-5. Memorandum from Glenn Adams, EPA Region IV, to Bart Reedy, EPA Region IV (July 18, 1991). Concerning comments to the draft Remedial Investigation Report, including the draft Baseline Risk Assessment.
- 0803-6. Letter from Bart Reedy, EPA Region IV, to Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe) (July 19, 1991). Concerning compiled comments to the draft Remedial Investigation Report.
- 0819-7. "Response to Comments: Helena-Fairfax Draft RI," Environmental and Safety Designs, Inc. (EnSafe) (September 5, 1991).
- 1072-8. Letter from Bart Reedy, EPA Region IV, to Joan Colson, US EPA Technical Support Branch, Cincinnati, Ohio (October 10, 1991). Concerning request for assistance in evaluating activities at the site.
- 1074-9. Letter from Bart Reedy, EPA Region IV, to Ed Opatken, US EPA Technical Support Branch, Cincinnati, Ohio (December 17, 1991). Concerning request for review of the draft Remedial Investigation and Feasibility Study Reports.



## 3.10 Remedial Investigation (RI) Reports (cont'd.)

- 1076- 10. Letter from Robert G. Benson, South Carolina Department of Health and Environmental Control, to Bart Reedy, EPA Region IV (January 3, 1992). Concerning comments to the Site Geology and Hydrogeology sections of the draft Remedial Investigation.
- 1079- 11. Letter from Sue Schweikart, South Carolina Department of Health and Environmental Control, to Bart Reedy, EPA Region IV (January 16, 1992). Concerning compiled comments to the draft Remedial Investigation.
- 1097- 12. Letter from Sue Schweikart, South Carolina Department of Health and Environmental Control, to Bart Reedy, EPA Region IV (January 21, 1992). Concerning transmittal of attached comments to the draft Remedial Investigation Report.
- 1101- 13. Memorandum from Tony Able, EPA Region IV, to Bart Reedy, EPA Region IV (January 23, 1992). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report.
- 1104- 14. Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Bart Reedy, EPA Region IV (January 28, 1992). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report.
- 1109- 15. Memorandum from Glenn Adams, EPA Region IV, to Bart Reedy, EPA Region IV (February 3, 1992). Concerning comments to the draft Remedial Investigation Report, including the Baseline Risk Assessment.
- 1113- 16. Letter from Bart Reedy, EPA Region IV, to Edward Brister, Helena Chemical Company (February 21, 1992). Concerning compiled comments to the draft Remedial Investigation Report and draft Feasibility Study Report.
- 1137- 17. "Response to Comments; Remedial Investigation Report; Helena Chemical - Fairfax; South Carolina," Environmental and Safety Designs, Inc. (EnSafe) (April 2, 1992).

Vol. 4 3.10 Remedial Investigation (RI) Reports (cont'd.)

18. Cross-Reference: Letter from R. Edward Duncan, South Carolina Wildlife & Marine Resources Department, to Bart Reedy, EPA Region IV (April 28, 1992). Concerning site visit made April 24, 1992, including comments to the ecological survey portion of the Remedial Investigation Report. [Filed and cited as entry number 3 in 16.1 NATURAL RESOURCE TRUSTEE - Correspondence]
- 1177- 19. Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Bart Reedy, EPA Region IV (April 29, 1992). Concerning comments to the draft Remedial Investigation Report.
- 1180- 20. Memorandum from Joan Dupont, EPA Region IV, to Bart Reedy, EPA Region IV (May 1, 1992). Concerning comments to the draft Remedial Investigation Report.
- 1183- 21. Memorandum from Glenn Adams, EPA Region IV, to Bart Reedy, EPA Region IV (May 4, 1992). Concerning comments to the draft Remedial Investigation Report, including the Baseline Risk Assessment.
- 1186- 22. Letter from B. Thomas Hancher, Resource Applications, Inc. (RAI), to Bart Reedy, EPA Region IV (May 5, 1992). Concerning review of "Response to Comments" dated April 2, 1992.
- 1192- 23. Memorandum from Sue Schweikart, South Carolina Department of Health and Environmental Control, to Bart Reedy, EPA Region IV (May 6, 1992). Concerning transmittal of attached compiled comments to the draft Remedial Investigation Report.
- 1208- 24. Letter from R. Edward Duncan, South Carolina Wildlife & Marine Resources Department, to Bart Reedy, EPA Region IV (May 6, 1992). Concerning comments to the draft Remedial Investigation Report and Baseline Risk Assessment, including need for additional sampling.
- 1213- 25. Letter from Diane Duncan, U.S. Fish and Wildlife Service, to Bart Reedy, EPA Region IV (May 6, 1992). Concerning comments to the draft Remedial Investigation Report, including need for additional sampling.
- 1240- 26. Memorandum from Tony Able, EPA Region IV, to Bart Reedy, EPA Region IV (May 8, 1992). Concerning comments to the draft Remedial Investigation Report.

## 3.10 Remedial Investigation (RI) Reports (cont'd.)

- /243- 27. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (May 27, 1992). Concerning response to comments of the Natural Resource Trustees regarding the Remedial Investigation.
- /247- 28. Letter from B. Thomas Hancher, Resource Applications, Inc. (RAI), to Bart Reedy, EPA Region IV (June 4, 1992). Concerning comments on the EPA reply to EnSafe response to comments to the draft Remedial Investigation.
- /273- 29. Letter from Rutherford Hayes, EPA Region IV, to Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe) (July 24, 1992). Concerning compiled comments to the final draft of the Remedial Investigation Report.
- /277- 30. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (August 26, 1992). Concerning transmittal of revised Remedial Investigation Report and of attached responses to comments.
- /283- 31. Letter from Rutherford Hayes, EPA Region IV, to Sue Schweikart, South Carolina Department of Health and Environmental Control (August 31, 1992). Concerning request for review of the Remedial Investigation Report and Feasibility Study Report.
- /285- 32. Letter from Sue Schweikart, South Carolina Department of Health and Environmental Control, to Rutherford Hayes, EPA Region IV (November 9, 1992). Concerning compiled comments to the Remedial Investigation and Feasibility Study Reports.
- /302- 33. Letter from Rutherford Hayes, EPA Region IV, to Sue Schweikart, South Carolina Department of Health and Environmental Control (November 19, 1992). Concerning discussion of compiled comments to the draft Remedial Investigation and Feasibility Study Reports.
- /309- 34. Letter from Rutherford Hayes, EPA Region IV, to Ed Brister, Helena Chemical Company (November 24, 1992). Concerning notification of disapproval of the Remedial Investigation and Feasibility Study Reports.

## 3.10 Remedial Investigation (RI) Reports (cont'd.)

1316-35. "Helena Chemical Company; Fairfax, South Carolina; Final Remedial Investigation Report; Volume I," Environmental and Safety Designs, Inc. (EnSafe) (December 31, 1992). Includes Baseline Risk Assessment.

VOL. 5 0006-36. "Helena Chemical Company; Fairfax, South Carolina; Final Remedial Investigation Report; Volume II," Environmental and Safety Designs, Inc. (EnSafe) (December 31, 1992).

VOL. 6 0864-37. Memorandum from Glenn Adams, EPA Region IV, to Rutherford Hayes, EPA Region IV (February 24, 1993). Concerning evaluation of residual risk.

0951-38. Letter from Rutherford Hayes, EPA Region IV, to Ed Duncan, South Carolina Wildlife & Marine Resources Department (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports.

0953-39. Letter from Rutherford Hayes, EPA Region IV, to Sue Schweikart, South Carolina Department of Health and Environmental Control (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports.

0955-40. Letter from Rutherford Hayes, EPA Region IV, to James Lee, US Department of the Interior (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports.

## 3.11 Health Assessments

0958-1. "Preliminary Health Assessment for Helena Chemical Company Landfill; Fairfax, Allendale County, South Carolina; CERCLIS No. SCD058753971," Agency for Toxic Substances and Disease Registry (September 18, 1991).

## 3.12 Endangerment Assessments

1. Cross-Reference: Memorandum from Glenn Adams, EPA Region IV, to Bart Reedy, EPA Region IV (July 18, 1991). Concerning comments to the draft Remedial Investigation Report, including the draft Baseline Risk Assessment. [Filed and cited as entry number 5 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

## 3.12 Endangerment Assessments (cont'd.)

2. Cross-Reference: Memorandum from Glenn Adams, EPA Region IV, to Bart Reedy, EPA Region IV (February 3, 1992). Concerning comments to the draft Remedial Investigation Report, including the Baseline Risk Assessment. [Filed and cited as entry number 15 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
3. Cross-Reference: Memorandum from Glenn Adams, EPA Region IV, to Bart Reedy, EPA Region IV (May 4, 1992). Concerning comments to the draft Remedial Investigation Report, including the Baseline Risk Assessment. [Filed and cited as entry number 21 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
4. Cross-Reference: "Helena Chemical Company; Fairfax, South Carolina; Final Remedial Investigation Report; Volume I," Environmental and Safety Designs, Inc. (EnSafe) (December 31, 1992). Includes Baseline Risk Assessment. [Filed and cited as entry number 35 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
5. Cross-Reference: Memorandum from Glenn Adams, EPA Region IV, to Rutherford Hayes, EPA Region IV (February 24, 1993). Concerning evaluation of residual risk. [Filed and cited as entry number 37 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

## 4.0 FEASIBILITY STUDY (FS)

## 4.1 Correspondence

- 0994 - 1. Memorandum from R. Bernie Hayes, EPA Region IV, to File (April 22, 1993). Documentation of selected remedial action for wetlands impacts.

## 4.9 Feasibility Study (FS) Reports

1. Cross-Reference: Letter from B. Thomas Hancher, Resource Applications, Inc. (RAI), to Bart Reedy, EPA Region IV (January 13, 1991). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report. [Filed and cited as entry number 2 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

## 4.9 Feasibility Study (FS) Reports (cont'd.)

2. Cross-Reference: Memorandum from Tony Able, EPA Region IV, to Bart Reedy, EPA Region IV (January 23, 1992). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report. [Filed and cited as entry number 13 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
- 1005- 3. Letter from Sue Schweikart, South Carolina Department of Health and Environmental Control, to Bart Reedy, EPA Region IV (January 24, 1992). Concerning compiled comments to the draft Feasibility Study Report.
4. Cross-Reference: Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Bart Reedy, EPA Region IV (January 28, 1992). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report. [Filed and cited as entry number 14 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
5. Cross-Reference: Letter from Bart Reedy, EPA Region IV, to Edward Brister, Helena Chemical Company (February 21, 1992). Concerning compiled comments to the draft Remedial Investigation Report and draft Feasibility Study Report. [Filed and cited as entry number 16 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
- 1018- 6. Letter from Craig A. Wise, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (August 12, 1992). Concerning transmittal of attached Response to Comments.
- 1030- 7. Letter from Craig A. Wise, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (August 21, 1992). Concerning transmittal of revised Feasibility Study Report.
8. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to Sue Schweikart, South Carolina Department of Health and Environmental Control (August 31, 1992). Concerning request for review of the Remedial Investigation Report and Feasibility Study Report. [Filed and cited as entry number 31 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

## 4.9 Feasibility Study (FS) Reports (cont'd.)

9. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to Sue Schweikart, South Carolina Department of Health and Environmental Control (November 19, 1992). Concerning discussion of compiled comments to the draft Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 33 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
10. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to Ed Brister, Helena Chemical Company (November 24, 1992). Concerning notification of disapproval of the Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 34 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
- /038- 11. "Helena Chemical Company; Fairfax, South Carolina; Feasibility Study," Environmental and Safety Designs, Inc. (EnSafe) (January 13, 1993).
12. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to Ed Duncan, South Carolina Wildlife & Marine Resources Department (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 38 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
13. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to Sue Schweikart, South Carolina Department of Health and Environmental Control (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 39 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
14. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to James Lee, US Department of the Interior (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 40 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

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## 4.10 Proposed Plans for Selected Remedial Action

- /278- 1. "United States Environmental Protection Agency; Superfund Proposed Plan Fact Sheet; Helena Chemical Company Superfund Site; Allendale County, South Carolina," EPA Region IV (May 1993).

#### 4.10 Proposed Plans for Selected Remedial Action (cont'd.)

2. Cross-Reference: Record of Decision; Summary of Remedial Alternative Selection; Helena Chemical Superfund Site; Fairfax, Allendale County; South Carolina," EPA Region IV (September 8, 1993). Includes responses to comments on the Proposed Plan, and transcript of public meeting held May 27, 1993. [Filed and cited as entry number 1 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

#### 5.0 RECORD OF DECISION (ROD)

##### 5.9 Record of Decision (ROD)

- 1315*-1. Record of Decision; Summary of Remedial Alternative Selection; Helena Chemical Superfund Site; Fairfax, Allendale County; South Carolina," EPA Region IV (September 8, 1993). Includes responses to comments on the Proposed Plan, and transcript of public meeting held May 27, 1993.

#### 10.0 ENFORCEMENT

##### 10.11 EPA Administrative Orders

- 1504*- 1. Administrative Order by Consent, In The Matter of Helena Chemical Site, Fairfax, South Carolina, Helena Chemical Company, Respondent, Docket No.: 89-18-C (April 12, 1989).

#### 11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)

##### 11.9 PRP-Specific Correspondence

- 1523*- 1. Letter from Patrick Tobin, EPA Region IV, to Allen Bennett, Helena Chemical Company, Inc. (March 15, 1988). Concerning request for information under Section 104 of CERCLA.
- 1536*-2. Letter from Ed Brister, Helena Chemical Company, to Anita Davis, EPA Region IV (April 21, 1988). Concerning response to information request dated March 13, 1988.

#### 13.0 COMMUNITY RELATIONS

##### 13.6 Community Relations Plans

- 1560*-1. "Community Relations Plan; Helena Chemical Site; Fairfax, South Carolina," Resource Applications, Inc. (RAI) (December 4, 1989).



## 13.7 News Clippings and Press Releases

- 1584-1. "United States Environmental Protection Agency Announces A Public Comment Period and Public Information Meeting on the Remedial Investigation/Feasibility Study and Proposed Plan for the Helena Chemical Company Site, Allendale County, South Carolina," The Allendale County Citizen Leader (May 18, 1993).

## 13.8 Public Meetings

1. Cross-Reference: Record of Decision; Summary of Remedial Alternative Selection; Helena Chemical Superfund Site; Fairfax, Allendale County; South Carolina," EPA Region IV (September 8, 1993). Includes responses to comments on the Proposed Plan, and transcript of public meeting held May 27, 1993. [Filed and cited as entry number 1 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

## 13.9 Fact Sheets

- 1590-1. "Superfund Fact Sheet; Helena Chemical Site; Allendale County, South Carolina," EPA Region IV (January 1990). Concerning Remedial Investigation/Feasibility Report (RI/FS) activities to commence.

## 16.0 NATURAL RESOURCE TRUSTEE

## 16.1 Correspondence

- 1599-1. "Helena Chemical Company; Fairfax, South Carolina; Region 4; SCD058753971," National Oceanic and Atmospheric Administration (NOAA) (DATE UNKNOWN). Concerning site description.
2. Cross-Reference: Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Bart Reedy, EPA Region IV (January 28, 1992). Concerning comments to the draft Remedial Investigation Report and draft Feasibility Study Report. [Filed and cited as entry number 14 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

## 16.0 NATURAL RESOURCE TRUSTEE

## 16.1 Correspondence (cont'd.)

- 1604-3. Letter from R. Edward Duncan, South Carolina Wildlife & Marine Resources Department, to Bart Reedy, EPA Region IV (April 28, 1992). Concerning site visit made April 24, 1992, including comments to the ecological survey portion of the Remedial Investigation Report.
4. Cross-Reference: Letter from R. Edward Duncan, South Carolina Wildlife & Marine Resources Department, to Bart Reedy, EPA Region IV (May 6, 1992). Concerning comments to the draft Remedial Investigation Report and Baseline Risk Assessment, including need for additional sampling. [Filed and cited as entry number 24 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
5. Cross-Reference: Letter from Diane Duncan, U.S. Fish and Wildlife Service, to Bart Reedy, EPA Region IV (May 6, 1992). Concerning comments to the draft Remedial Investigation Report, including need for additional sampling. [Filed and cited as entry number 25 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
6. Cross-Reference: Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Bart Reedy, EPA Region IV (May 27, 1992). Concerning response to comments of the Natural Resource Trustees regarding the Remedial Investigation. [Filed and cited as entry number 27 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
7. Cross-Reference: Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (July 20, 1992). Concerning analyticals from sediment samples taken from locations outlined in site meeting on April 25, 1992. [Filed and cited as entry number 4 in 3.2 REMEDIAL INVESTIGATION (RI) - Sampling and Analysis Data]

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence (cont'd.)

- 1617- 8. Letter from Paul Stoddard, Environmental and Safety Designs, Inc. (EnSafe), to Rutherford Hayes, EPA Region IV (August 10, 1992). Concerning transmittal of attached clarification from PACE Laboratories on pesticide results discrepancies, as requested by Natural Resource Trustees at meeting on July 30, 1992.
9. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to Ed Duncan, South Carolina Wildlife & Marine Resources Department (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 38 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
10. Cross-Reference: Letter from Rutherford Hayes, EPA Region IV, to James Lee, US Department of the Interior (February 24, 1993). Concerning transmittal of final Remedial Investigation and Feasibility Study Reports. [Filed and cited as entry number 40 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
- 1625- 11. Memorandum from R. Bernie Hayes, EPA Region IV, to File (April 22, 1993). Documenting notification and coordination of Remedial Investigation/Feasibility Study (RI/FS) process with Natural Resource Trustee Agencies.